

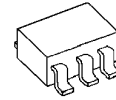
Single Low Side Switch

■ GENERAL DESCRIPTION

The NJW4820 is the single low-side switch that can supply 0.5A. The active clamp, overcurrent and thermal shutdown are built in with Nch MOS FET.

It can be controlled by a logic signal (3V/5V) directly. Therefore, it is suitable for a various power drive application of the motor, the solenoid and the lamp etc.

■ PACKAGE OUTLINE

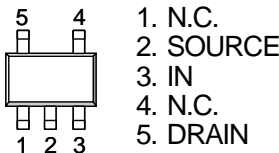


NJW4820F

■ FEATURES

- Drain-Source Voltage 43V
- Drain Current 0.5A
- Corresponding with Logic Voltage Operation: 3V/5V
- Low On-Resistance 0.27Ω typ. ($V_{IN}=5V$)
0.30Ω typ. ($V_{IN}=3.3V$)
- Low Consumption Current 80μA typ. ($V_{IN}=5V$)
65μA typ. ($V_{IN}=3.3V$)
- Active Clamp Circuit
- Over Current Protection (Self recovery type current limiting function)
- Thermal Shutdown
- Package Outline SOT23-5

■ PIN CONFIGURATION



■ BLOCK DIAGRAM

